

RAW SEQUENCE LISTING PATENT APPLICATION US/09/007,093

DATE: 02/24/98
TIME: 11:44:42

INPUT SET: S23619.raw

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100      Gln Glu Ile Ser Gly Tyr Leu Thr Trp Leu Gln Gln Lys Pro Asp Gly
101      50                      55                      60
102      Thr Ile Lys Arg Leu Val Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val
103      65                      70                      75                      80
104
105      Pro Lys Arg Phe Ser Gly Ser Arg Ser Gly Ser Asp Thr Ser Leu Thr
106      85                      90                      95
107
108      Ile Ser Ser Leu Glu Ser Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln
109      100                    105                    110
110
111      Tyr Thr Asn Tyr Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu
112      115                    120                    125
113
114
115      Lys
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(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 420 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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131      ATGGGCTCTCC TGGTACTGTT CCTCTCCCTG GCTGCATTTC CAAGCTGTGG TGTCTGTGCC      60
132
133      CAGGTGCAGC TGAAGGAGTC AGGACCTGGC CTGGTGGCGC CCTCACAGAG CCTGTCCATC      120
134
135      ACTTGCACTG TCTCTGGGTT TTCATTAACC AGCTATGGTG TACACTGGGT TCGCCAGCCT      180
136
137      CCAGGAAAGG GTCTGGAGTG GCTGGGAGTA ATATGGGCTG GTGGAAGCAT AAATTATAAT      240
138
139      TCGGCTCTCA TGTCCAGACT GAGCATCAGC AAAGACAACT TCAAGAGCCA AGTTTCTTA      300
140
141      AAAATGAGCA GTCTGCAAAC TGATGACACA GCCATGTACT ACTGTGCCAG AGCCTATGGT      360
142
143      GACTACGTCC ACTATGCTAT GGACTACTGG GGTCAAGGAA CCTCAGTCAC CGCCTCCTCA      420
144
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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 140 amino acids
 - (B) TYPE: amino acid

854770-014488

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

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153 (C) STRANDEDNESS: single
154 (D) TOPOLOGY: linear
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160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
161 Met Ala Leu Leu Val Leu Phe Leu Ser Leu Ala Ala Phe Pro Ser Cys
162 1 5 10 15
163
164 Gly Val Leu Ser Gln Val Gln Leu Lys Glu Ser Gly Pro Gly Leu Val
165 20 25 30
166
167 Ala Pro Ser Gln Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser
168 35 40 45
169
170 Leu Thr Ser Tyr Gly Val His Trp Val Arg Gln Pro Pro Gly Lys Gly
171 50 55 60
172
173 Leu Glu Trp Leu Gly Val Ile Trp Ala Gly Gly Ser Ile Asn Tyr Asn
174 65 70 75 80
175
176 Ser Ala Leu Met Ser Arg Leu Ser Ile Ser Lys Asp Asn Phe Lys Ser
177 85 90 95
178
179 Gln Val Phe Leu Lys Met Ser Ser Leu Gln Thr Asp Asp Thr Ala Met
180 100 105 110
181
182 Tyr Tyr Cys Ala Arg Ala Tyr Gly Asp Tyr Val His Tyr Ala Met Asp
183 115 120 125
184
185 Tyr Trp Gly Gln Gly Thr Ser Val Thr Ala Ser Ser
186 130 135 140
187

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(2) INFORMATION FOR SEQ ID NO:5:

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190          (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 34 amino acids
192          (B) TYPE: amino acid
193          (C) STRANDEDNESS: single
194          (D) TOPOLOGY: linear
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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

(X1) SEQUENCE DESCRIPTION

Gly Pro Lys Glu Pro Phe Arg Asp Tyr Val Asp Arg Phe Tyr Lys Asn
1 5 10 15

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211
212 (2) INFORMATION FOR SEQ ID NO:6:

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213
214      (i) SEQUENCE CHARACTERISTICS:
215      (A) LENGTH: 108 base pairs
216      (B) TYPE: nucleic acid
217      (C) STRANDEDNESS: single
218      (D) TOPOLOGY: linear

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223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

224	(1) -		
225			60
226	GGTCCTAAAG AACCTTTTAG AGACTATGTT GATAGGTTTT ATAAGAATAA GAGGAAGAGG		
227			108
228	ATACATATAG GGCCTGGTAG GGCTTTTTTAT ACTACTAAGA ATTAATAA		

229
230 (2) INFORMATION FOR SEQ ID NO:7:

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231
232      (i) SEQUENCE CHARACTERISTICS:
233      (A) LENGTH: 60 base pairs
234      (B) TYPE: nucleic acid
235      (C) STRANDEDNESS: single
236      (D) TOPOLOGY: linear

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241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
242

242
243
244 CATTATGGAT CCGGTCCTAA AGAACCTTTT AGAGACTATG TTGATAGGTT TTATAAGAAT 60

246
247 (2) INFORMATION FOR SEQ ID NO:8:

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248
249      (i) SEQUENCE CHARACTERISTICS:
250      (A) LENGTH: 51 base pairs
251      (B) TYPE: nucleic acid
252      (C) STRANDEDNESS: single
253      (D) TOPOLOGY: linear

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/007,093

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